

AMENDMENTS TO THE SPECIFICATION:

Page 1, before line 4, insert the following headings:

--BACKGROUND OF THE INVENTION

Field of the Invention--

Page 1, between lines 6 and 7, insert the following heading:

--DESCRIPTION OF THE RELATED ART--

Page 2, between lines 25 and 26, insert the following heading:

--SUMMARY OF THE INVENTION--

Page 6, between lines 16 and 17, insert the following heading:

--BRIEF DESCRIPTION OF THE DRAWING FIGURES--

Page 6, between lines 25 and 26, insert the following heading:

--DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--

Page 6, replace the paragraph, beginning on line 26, bridging pages 6 and 7, with the following amended paragraph:

--The inventive device shown figure 1 consists of [[an]] a xenon lamp 1 supplied by a current generator 3. The light which is non-monochrome and supplied by lamp 1 is filtered on leaving the lamp by a filter 4 enabling the maintaining of a radiation band extending from the ultraviolet to the near visible. These light radiations pass through a waveguide tube 5 and continuously illuminate a biological tissue, in this case a

patient's tooth 7. The waveguide tube 5 is crossed by a central, longitudinal channel of axis  $xx'$  through which a colour video camera 11 is able to film the tooth 7.--